

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2007-____
FOR

DONALD A. MONDANI, DOUGLAS W. MONDANI,
AND GERALDINE M. CASSINELLI
NEWTON COPPER MINE
AMADOR COUNTY

Monitoring and Reporting Program (MRP) No. R5-2007-____ is issued to Donald Mondani, Douglas Mondani, and Geraldine Cassinelli, jointly hereafter "Discharger", pursuant to Section 13267 of the California Water Code and Cleanup and Abatement Order No. _____. This MRP is necessary to provide monitoring and reporting requirements for cleanup of acid mine drainage pollution to Copper Creek from the Newton Copper Mine.

The Discharger shall submit reports required by this MRP pursuant to Section 13267 of the California Water Code. Failure to submit the required reports can result in the imposition of civil monetary liability. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

QUARTERLY MONITORING

The Discharger shall collect water samples quarterly beginning the third quarter of 2007. Samples shall be collected from the following locations: East Fork Copper Creek above Newton Copper Mine, East Fork Copper Creek below Newton Copper Mine tailings and seeps discharging from the tailings. Sample collection shall follow standard USEPA protocol. Samples will be analyzed for the following:

Table 1- Surface Water Sampling		
Parameters	Units	Method
<u>Field Parameter</u>		
Flow Rate	gallons/minute	Estimate
Temperature	°C	Field Meter
Specific Conductance	µmhos/cm	Field Meter
pH	pH number	Field Meter
<u>Monitoring Parameters</u>		
Total Dissolved Solids	mg/L	EPA 160.1
Total Alkalinity	mg/L	EPA 310.1
Total Hardness	mg/L	EPA 310.1
Bicarbonate	mg/L	EPA 310.1
Sulfate	mg/L	EPA 310.0
Arsenic	ug/L	EPA 200.8
Aluminum	ug/L	EPA 200.7
Copper	ug/L	EPA 200.7
Lead	ug/L	EPA 200.7
Manganese	ug/L	EPA 200.7
Iron	ug/L	EPA 200.7
Nickel	ug/L	EPA 200.7
Zinc	ug/L	EPA 200.7
Selenium	ug/L	EPA 200.7
Magnesium	ug/L	EPA 200.7

REPORTING

The Discharger shall report field and laboratory test results in quarterly monitoring reports. The Discharger shall submit the quarterly monitoring reports to the Regional Water Board by the **last day of the month** following the each quarterly monitoring period. The Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible. A discussion of the monitoring results shall precede the tabular summaries.

Each quarterly report is to include the following information:

- (a) A discussion on the status of the mine site and tailings piles for the quarter including any problems associated with major rainfall events, tailings erosion, mass wasting, ponding, or other related information.
- (b) Tabulated **cumulative** monitoring data for each monitoring location.
- (c) A copy of any laboratory analytical reports and chain of custody.

The results of any monitoring done more frequently than required at the locations specified in the MRP shall also be reported to the Regional Water Board.

The Discharger shall implement the above monitoring program as of the date of this Order.

Ordered by: _____
PAMELA C. CREEDON, Executive Officer

Date

RDA